AUTHOR INDEX

Alexander, Charles P. 1

Beyer, Arthur F. 553
Blanchard, Willard E. 481

Chandler, Asa C. 513

Dodson, Edward O. 318
Donahue, Wm. H., C.S.C. 203

Fichter, Edson 321
Field, Howard M. 440

Hale, Mason E., Jr. 232
Halloran, Arthur F. 481
Heiser, Chas. B., Jr. 287
Hermann, F. J. 265

Jones, George Neville 318
Jump, John A. 315

Kaiser, Margaret 306
Koch, Leo Francis 515

Levi, Herbert W. 440
List, James C. 312

McConkey, Edwin H. 133

Parker, Johnson 539
Pearson, Paul G. 468

Rice, Lucile A. 105

Schmidt, Karl P. 320
Shanks, Royal E. 319
Silva, Paul C. 317
Smith, Philip W. 312
Stein, Hilda A. 311
Swinebroad, Jeff 488

Van der Woude, Anne 172
Voss, Edward G. 87

SUBJECT INDEX*

Abies *lapidea* 557
Amphibia, Illinois 311
Arachnida 440

Baffin Island, lichens 232
Book reviews 315
Bryophyta 515
Butterflies, Michigan 87

Carex *diehlii* 268
willdenowii var. *megarrhyncha* 277
Carices, N.A. 265
Carnivora 481
Chlamydoprocta itascensis 313
Cladura (Cladura) *nigricauda* 68
Crane-flies, N.A. 1

Dicranota (Dicranota) *astigma* 54
parvella 55
(Plectromyia) nooksackiae
subtruncifer 60
(Rhaphidolabis) *fenderi* 56
uniplagia 58
Diptera 1
Drupe-fruited juniper 306

Ecology, invertebrates 321
Fagus *grandiporosa* 563
Forest-grassland transition zone 539

Germ cell cycle, *Megalodiscus* 172

Helianthus annuus *texanus* 299
Hemiptera 105
Hymenoptera 87

Invertebrates, deciduous shrub savanna 321
ecology 321
Grassland 321

* Names of new genera, species, etc., indicated by italics.

Juniperus drupacea 306
Libocedrus *decurrenoides* 561
Lichens, Baffin Island 232
Limonia (Metalimnobia)
annulus *triphaea* 43

Mammalia 463, 481
Arizona 481
Florida 463
Megalodiscus temperatus 172
Molophilus (Molophilus) *neofalcatus* .. 84
Mosses, California 515
Myology, wing 438

N.A. carices 265
crane-flies 1
Lizards 133
Nematoda 313
Notonectoids, Michigan 105

Ophisaurus 133
Oromosia (Oromosia) *albrighti* 75
bucera 76
davisi 77
furibunda 77
gerronis 78
nonacantha 80
pleuracantha 81
unicornis 83

Paradelphomyia (Oxyrhiza) *deprivata* 60
Passerine, wing myology 488

Pedica (Tricyphona) *cascadensis* 50
fenderiana 51
townesiana *majuscula* 54
Petrified wood,
Yellowstone National Park 553
Piceoxylon *laricinoides* 556
Pinus *pseudotsugoides* 555
Plant communities,
anthracite region Pennsylvania 203
Platanus Haydeni 564

Quercus *rubida* 562

Reptilia 133, 311, 312
anomaly 311
Illinois 312
lizards 133

Spiders, Wisconsin 440
Sunflower 287
Syrian juniper 306

Thuja *xantholitica* 561
Tipula (Arctotipula) *bakeriana* 28
(Bellardina) *josephus* 26
(Lunatipula) *diabolica* 35
unicincta *bifila* 41
(Oreomyza) *bakeri* 33
dorothea 31
Tipuloidea, Oregon 1
Trematoda 172
Trichocera *pallens* 25

Vegetation, Tomer's Butte 539
Wing myology, Passerines 488